

INSTITUTE OF ANIMAL GENETICS · WEST MAINS ROAD · EDINBURGH 9

University Department of Animal Genetics, A.R.C. Unit of Animal Genetics & M.R.C. Induced Mutagenesis Group

Professor C. H. Waddington, C.B.E., Sc.D., D.Sc., F.R.S.

Telephone: NEWington 1081

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29th October, 1962.

Professor J. Lederberg,  
Department of Genetics,  
School of Medicine,  
Stanford University,  
Medical Center,  
Palo Alto,  
California, U.S.A.

Dear Joshua,

I am afraid I do not know anything about the mutagenic or  
teratogenic effect of BromoUracil in mammalian materials. I am  
fairly sure that no mutagenic effect has ever been reported, but  
my knowledge of teratogenic effects is extremely limited.

The only paper which comes to my mind as having a remote  
bearing on the question is that by Djordjevic and Szybalski in  
The Journal of Experimental Medicine 112, p. 509, in which they show  
that incorporation of the analogues into the DNA of human cells increase  
radiation sensitivity.

Kind regards,

Yours sincerely,

*Kotte Auerbach*

C. Auerbach.

*C. Auerbach*